

NOVEL DUAL CORES FOR GOLF BALLS

Abstract of the Disclosure

The present invention is directed to a golf ball comprising a dual core component, an inner cover layer and an outer cover layer. The dual core comprises an interior spherical center component formed from a thermoset material, a thermoplastic material, or combinations thereof. The dual core also comprises a core layer disposed about the center component, formed from a thermoset material, a thermoplastic material, or combinations thereof. The inner cover layer is comprised of a high acid ionomer or ionomer blend. The outer cover layer is comprised of a soft, very low modulus ionomer or ionomer blend, or a non-ionomeric thermoplastic elastomer such as polyurethane, polyester or polyesteramide. The present invention golf ball may further comprise an outer core layer that surrounds the dual core. The resulting multi-layered golf ball of the present invention provides for enhanced distance without sacrificing playability or durability when compared to known multi-layer golf balls.